## HP ZBook Firefly 14 inch G11 A Mobile Workstation PC (8T0L5EA)

Operating system	Windows 11 Pro <sup>[1]</sup>
Processor family	AMD Ryzen™ 9 processor
Processor	AMD Ryzen™ 9 8945HS (up to 5.2 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) [2, 3]
Chipset	AMD integrated SoC
Graphics	Integrated, AMD Radeon™ 780M Graphics <sup>[4, 5, 6, 7]</sup>
Memory	32 GB DDR5-5600 MT/s (2 x 16 GB)
Memory Slots	2 SODIMM; supports dual channel
Internal Storage	1 TB PCIe® NVMe™ M.2 SSD
Display	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC <sup>[8, 9]</sup>
Display	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC <sup>[8, 9]</sup>
Touchscreen	No
Color gamut	45% NTSC
Dimensions (W x D x H)	31.56 x 22.43 x 1.99 cm
Weight	Starting at 1.41 kg (Weight varies by configuration and components.)
Available software	HP Smart Support
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer

Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes [10]
Wireless	MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card
Keyboard	HP Premium Keyboard – spill resistant, backlit keyboard
Camera	5 MP camera
Audio	Audio by Poly Studio, dual stereo speakers, HP World Facing Microphone dual array digital microphones, functions keys for volume up and down, combo microphone/headphone jack, HD audio
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Ports	Left side 1 SuperSpeed USB Type-A 5Gbps signaling rate (charging); 1 HDMI 2.0b; 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) [11, 12] Right side 1 headphone/microphone combo; 1 SuperSpeed USB Type-A 5Gbps signaling rate
Power	65 W USB Type-C™ adapter
Fingerprint reader	Fingerprint sensor
Ecolabels	TCO Certified
Sustainable impact specifications	Low Halogen; Bulk packaging available; External power supply 90% efficiency; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 60% post-consumer recycled plastic [13, 14, 15, 16, 17]
Manufacturer Warranty	1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Support service included	HP 3 year Pickup and Return Notebook Hardware Support. For terms and conditions, please visit <a href="https://">https://</a> <a href="https://www2.hp.com/v2/GetPDF.aspx/4AA5-9399EEE">https://www2.hp.com/v2/GetPDF.aspx/4AA5-9399EEE</a> & <a href="https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEIE.pdf">https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEIE.pdf</a>
Product safety	https://support.hp.com/us-en/document/ ish_6126692-6126777-16?openCLC=true